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(54) **GLOVE INTERFACE OBJECT**

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(57) **ABSTRACT**

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A glove interface object is provided, comprising: at least one flex sensor configured to generate flex sensor data identifying a flex of at least one finger portion of the glove interface object; at least one contact sensor configured to generate contact sensor data identifying a contact between a first portion of the glove interface object and a second portion of the glove interface object; a communications module configured to transmit the flex sensor data and the contact sensor data to a computing device for processing to determine a finger position pose of the glove interface object, the finger position pose being applied for rendering a virtual hand in a view of a virtual environment on a head-mounted display (HMD), the virtual hand being rendered based on the identified finger position pose.

